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... cesses (ULPS) and can be thought of as light-weight, Unix-like processes that are independently ... A ULP, like a thread, defines a register context and ...

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... C PVM supports light-weight virtual processors that ... by simply saving its current register context and restoring ... the cost of higher context switch over-heads ...

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... A thread's light weight should reduce the context ... changed during a thread's context switch are those ... local state contained in the register windows (ins ...

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... In this manner, a reduction in size, weight, and power can ... A or B). Upon becoming active, a context can either ... it's previous data or load a public register. ...

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... When a context switch occurs, only the state of the ... which contains only pointers into the register bank, needs ... in the environment of a heavy-weight process. ...

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... 80: threads 40-47, and Light Weight Processes (LWPs) ... Having made the initial register and pointer settings ... having to make a complete context switch, Thread B looks ...

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... Threads are often classified by their "weight", which corresponds to ... The context of a Unix process includes the hardware register, kernel stack ...

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... program frames exceeds the number of register windows ... at the kernel level for light-weight processes [14 ... code size and includes a fast context switch algo- rithm ...
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